



Executive Summary

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City of Tucson
NPDES Stormwater Permit No. AZS000001

Annual Report

Status of Implementation of the
Stormwater Management Program

Fiscal Year Extending from
July 1, 2009 to June 30, 2010

Prepared by:
City of Tucson Department of Transportation, Stormwater Management Section

City of Tucson

Annual Report on the Status of Implementation of the Stormwater Management Program

Executive Summary

The City of Tucson prepared this Thirteenth Annual Report to fulfill reporting requirements of its Municipal NPDES Stormwater Permit: AZS000001. There are many notable achievements in Tucson's FY 2010 Stormwater Management Program, and this summary features some of the highlights.

FY 2009-10 Annual Expenditures

The City of Tucson expended an estimated \$22,586,615 on management practices to reduce stormwater pollution, which includes an estimated \$240,010 for stormwater sampling and administration of the Stormwater Management Program. The remaining costs for implementation are distributed over 14 City departments or City-funded agencies. Appendix A is a tabulation of the activities and accomplishments of the Stormwater Management Program with itemized, estimated, respective costs for the 2009-10 fiscal year. In addition to City activities, a number of outside agencies contributed to stormwater quality improvements. These agencies included Pima Association of Governments, Pima County Department of Environmental Quality, Pima County Regional Wastewater Reclamation Department, Arizona Department of Environmental Quality, and the University of Arizona Cooperative Extension Service. Costs for their activities were outside the scope of this annual report.

Projected FY 2010-11 Budget

City expenditures for programs and activities that promote stormwater quality for next fiscal year are projected to be \$23,000,000. This number assumes that programmatic spending will continue at FY 2009-10 levels, and includes estimated costs, where available for projects planned in 2010-11 FY.

Summary of Enforcement Actions, Inspections and Public Education Programs

The Stormwater Management Program relies heavily on outreach, education and compliance assistance to encourage dischargers to comply with stormwater quality regulations and best management practices. However, there were 124 enforcement actions taken last year. Of these actions, 44 were for active construction sites regulated under the AZPDES program, and 2 were for water wasting. All enforcements were promptly resolved. In addition to enforcement actions, a total of 3,839 bonds and permits were issued.

The recent recession slowed the pace of construction dramatically during FY 2008-09. However, FY 2009-10 saw substantial improvements. This is reflected in a 61% increase in the number of inspections and plan reviews conducted last year. City Inspectors conducted 32,447 inspections or

reviews under various programs impacting stormwater quality. The majority of the inspections addressed activities connected with private sector development. There were 586 inspections to address stormwater controls on active, permitted private construction sites. An additional 130 inspections checked on stormwater compliance at construction sites for capital projects. Industrial facilities covered by the stormwater regulations accounted for 105 of the City's inspections.

This year's extremely active public outreach program connected with the public on well over 1 million instances, a rate akin to reaching every member of the City's population more than once during the reporting period. The City's stormwater pollution prevention message was dispersed through school programs, presentations, conferences, and public events. This year the City distributed over 3,000 elementary school activity books; and over 1,200 students and 220 teachers received the award-winning middle school workbook entitled *Stormwater in the Desert*, featuring web-based activities.

Monitoring and Data Limitations

Stormwater sampled in Tucson during FY 2009-10 exhibited typical constituent concentrations for stormwater runoff from an arid or semi-arid southwestern city. No water quality exceedances of any kind were found. Constituent concentrations in this fiscal year's samples were well within the historical range of sampling data collected in earlier permit reporting periods.

No serious data limitations were identified in the reporting period. Nine samples were obtained during this fiscal year. Four of the samples were collected during summer of 2009 and five were collected in winter of 2009-10. A monsoon sample collected during June 2009 for site 1 was included in last year's annual report for 2008-09.


Proposed Changes to the Stormwater Management Program

The City of Tucson's Stormwater Management Program continues to evolve to meet the changing needs of our community. In FY 2009-10, the City of Tucson continued working on a training program for City Staff on Stormwater pollution prevention and responded to serious fiscal restrictions.

CERTIFICATION STATEMENT

This Thirteenth Annual Report documents the City of Tucson's implementation of the Stormwater Management Program as required under the NPDES permit No. AZS000001.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering this information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. In addition, I certify that any stormwater management program revisions previously approved by EPA (after consultation with ADEQ) were implemented on schedule. No such revisions occurred for fiscal year 2010. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



James W. Glock, P.E.
Director of Transportation
City of Tucson

9/23/10

Date

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